SONY

3-800-034-21 (1)

Compact Disc Compact Player

Operating Instructions

Discman

COMPACT disc DIGITAL AUDIO

D-777

Sony Corporation ©1995 Printed in Japan

Welcome!

Thank you for purchasing the Sony D-777 Compact Disc Compact Player. Before operating your Discman, please read this manual and retain it for future reference.

Owner's Record

The model and the serial numbers are located at the bottom. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. D-777
Serial No. _____

WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION

The use of optical instruments with this product will increase eye hazard.

INFORMATION

For the customers in the USA

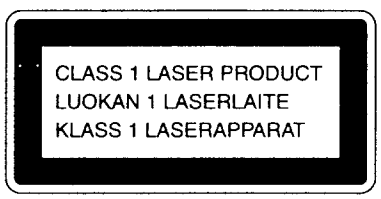
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

For the customers in the U.K.

This Compact Disc player is classified as a CLASS 1 LASER product. The CLASS 1 LASER PRODUCT label is located on the bottom exterior.



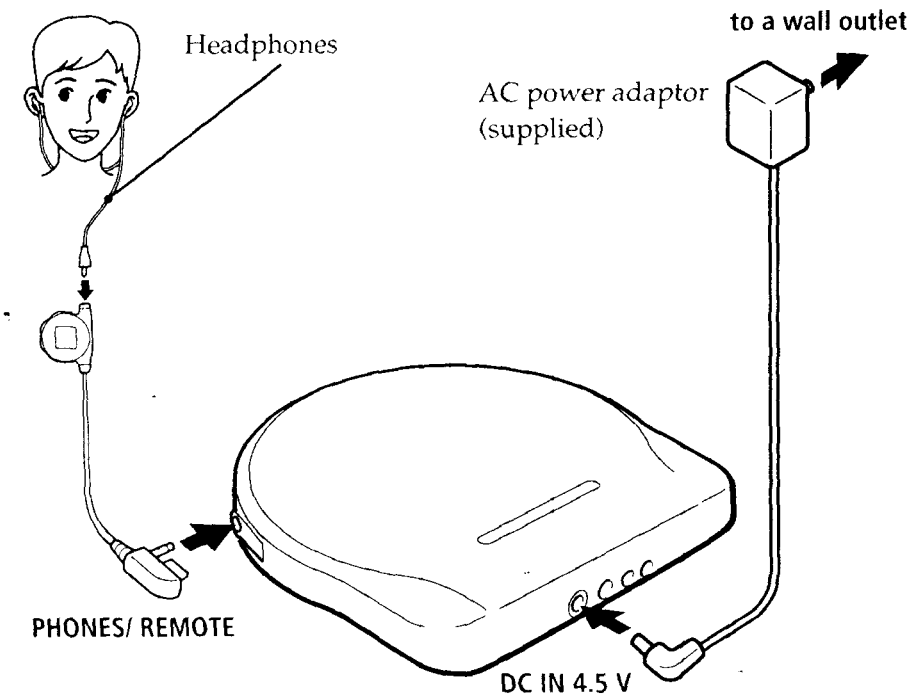
For the customers in Australia

The supply cord of the AC power adaptor cannot be replaced; if the cord is damaged, the AC power adaptor should be discarded.

Playing a CD right away!

If you want to play a CD right now, choose to use your Discman on house current. Other choices are the following two: rechargeable batteries and dry batteries (see "Power Sources" on the reverse side).

1 Connect

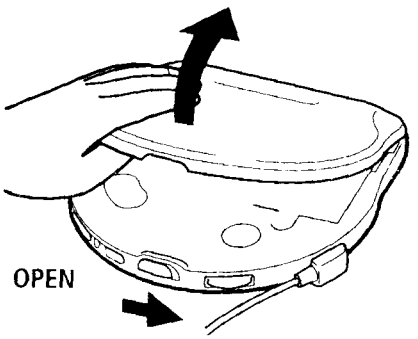


For models supplied with the AC plug adaptor
If the AC power adaptor does not fit the wall outlet, use the AC plug adaptor.

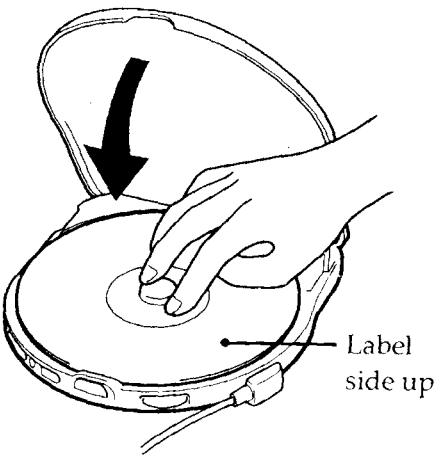
Notes

- The type of the headphones shown may not be the same as your headphones.
- Connect the headphones to the remote control firmly. A loose connection may cause noise during play.

2 Place a CD



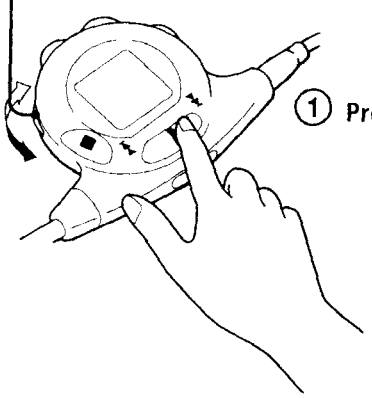
① Slide OPEN and open the lid.



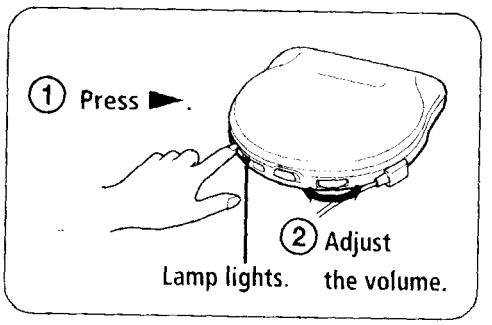
② Fit the CD to the pivot.

3 Play

② Adjust the volume.



Using the main unit



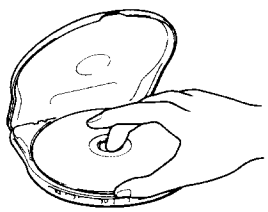
To stop play, press ■.

To	Press
Find the beginning of the current track (AMS*)	⏮ side of ▶ once
Find the beginning of previous tracks (AMS)	⏮ side repeatedly
Find the beginning of the next track (AMS)	⏭ side once
Find the beginning of succeeding tracks (AMS)	⏭ side repeatedly
Go forward quickly	Hold down ⏭ side
Go backwards quickly	Hold down ⏮ side

*AMS = Automatic Music Sensor

To remove the CD

Remove the CD while pressing the pivot.



Notes on display on remote control

- When you press ▶ (when RESUME is set to OFF), the total number of the tracks in the CD and the total playing time appear for 2 seconds.
- During play, the track number and the elapsed playing time of the current track appear.
- Between tracks, the time to the beginning of the next track will appear with the minus "–" indication.

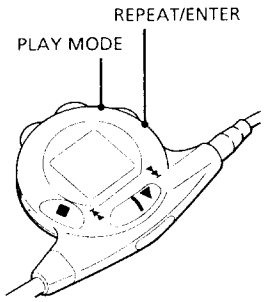
Note on controlling the volume with the remote control

Set the VOLUME control on the remote control to MAX. Then adjust the volume on the Discman to the level that you want to be the maximum for adjusting the volume with the remote control.

Notes on handling CDs

Playing tracks repeatedly (Repeat Play)

You can play tracks repeatedly in normal, INTRO PGM and shuffle play modes. Repeat all the tracks or only one track.



To repeat all the tracks

Press REPEAT/ENTER during play.
The "↻" indication appears.

To cancel repeat play, press REPEAT/ENTER again.

To repeat a single track

1 Press REPEAT/ENTER while the track you want to repeat is playing.
The "↻" indication appears.

2 Press PLAY MODE repeatedly until "1" appears.

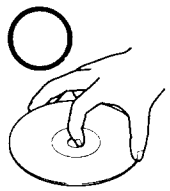
To repeat another track, press ⏮ or ⏭ side of ▶.

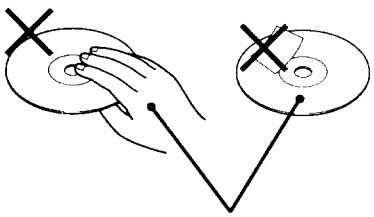
To cancel repeat play, press REPEAT/ENTER again.

the remote control.

Notes on handling CDs

- To keep the CD clean, handle it by its edge. Do not touch the surface.
- Do not stick paper or tape onto the CD.
- Do not expose the CD to direct sunlight or heat sources such as hot air ducts. Do not leave the CD in a car parked in direct sunlight.





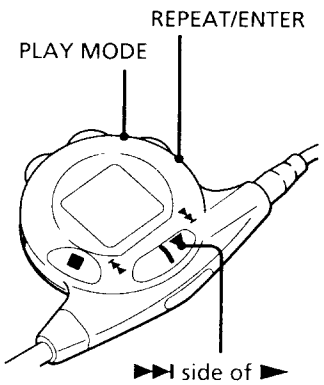
Not these ways

To repeat another track, press ⏮ or ⏭ side of ►.

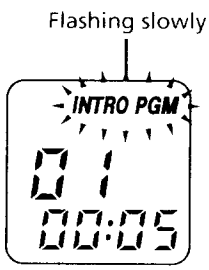
To cancel repeat play, press REPEAT/ENTER again.

Playing only the tracks you want (INTRO PGM Play)

You can choose and play your favorite tracks by scanning through the beginning of each track in a CD.



1 During play, press PLAY MODE repeatedly until "INTRO PGM" flashes.



2 Press REPEAT/ENTER to start scanning. The Discman plays the first 15 seconds of each track and "INTRO PGM" flashes faster.

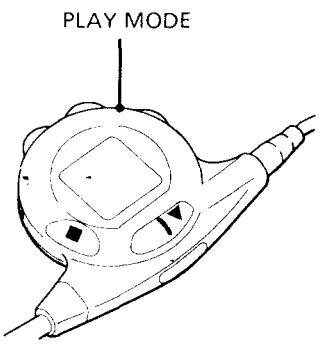
3 Press REPEAT/ENTER while the track you want is playing. To skip the track, press ▶▶| side of ► or just wait for the next track.

When you go through the CD, "INTRO PGM" stops flashing and the tracks you chose play automatically.

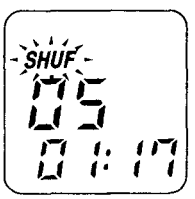
To cancel INTRO PGM play, press PLAY MODE until no play mode is indicated in the display.

Playing tracks in random order (Shuffle Play)

You can play the tracks in a CD in random order.



During play, press PLAY MODE repeatedly until "SHUF" appears.
The tracks play in random order.



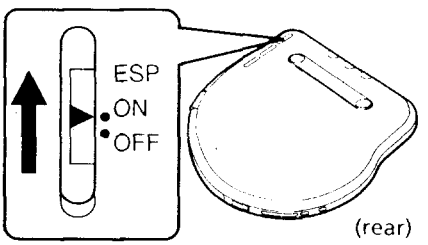
To cancel shuffle play, press PLAY MODE repeatedly until no play mode is indicated in the display.

Note

- During shuffle play, you cannot return to previous tracks by pressing |◀◀ side of ►.

To prevent sound from skipping

The SUPER ESP (Super Electronic Shock Protection) function prevents the sound from skipping by using a buffer memory that stores music data for about 10 seconds. Use this function when listening during a walk or playing in a car.



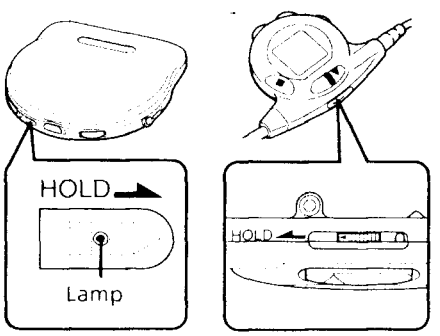
Set ESP to ON.
The ESP indication appears.

Notes

- Playing may stop when the Discman gets a strong shock even when ESP is set to ON.
- When you record a CD on a cassette tape using a tape recorder that has a blank search function, set ESP to OFF.
- If you hear a noise or sound skip when:
  - listening to a dirty or scratched CD,
  - listening to an audio test CD or,
  - the Discman receives continuous shock, set ESP to OFF.
- Sound may skip if you set ESP to ON during play.

To lock the buttons

You can lock your Discman against any accidental operations.

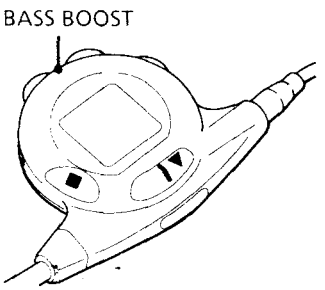


To avoid accidental operation of the main unit, slide HOLD on the main unit in the direction of the arrow.
When you press any button, the HOLD lamp flashes.

Using other functions

To enjoy more powerful bass sound

You can enjoy a powerful bass-boosted sound.



Press BASS BOOST to select BASS ■ or BASS ■■ . BASS ■■ is more effective.

Note

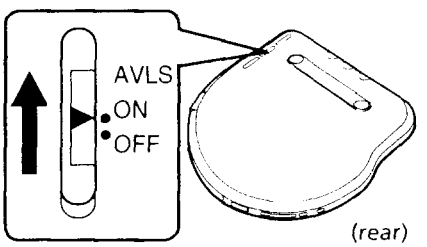
- If the sound is distorted when emphasizing bass, turn down the volume.

To avoid accidental operation of the remote control, slide HOLD on the remote control in the direction of the arrow.
When you press any button, "Hol d" appears in the display.

To unlock, slide HOLD back.

To protect your hearing (AVLS)

The AVLS (Automatic Volume Limiter System) function keeps down the maximum volume to protect your ears.



Set AVLS to ON.

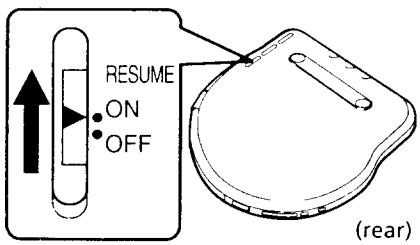
Note

- If the sound is distorted when you listen to the bass-boosted sound with the AVLS function, turn down the volume.

Continue to the reverse side →

To resume playing from the point you stopped the CD (Resume Play)

Normally, every time you stop and play, playing starts from the beginning of the CD. The resume play function, however, lets you listen to from the point at which you last turned off the Discman.



Set RESUME to ON.

To cancel resume play, set RESUME to OFF.

Notes

- Even if RESUME is set to ON, playing starts from the beginning when you open the lid.
- The resume point may be inaccurate by about 30 seconds.

To turn off the beep

You can turn off the beep that sounds as you operate your Discman.

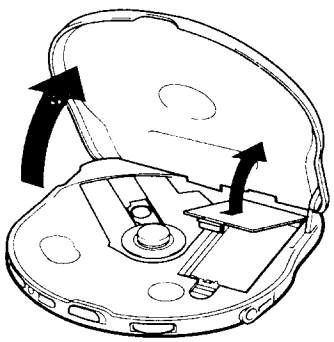
While you press and hold down ■ , connect the power source.

▶*Power Sources*

Using rechargeable batteries

Charge the rechargeable batteries before using them for the first time.

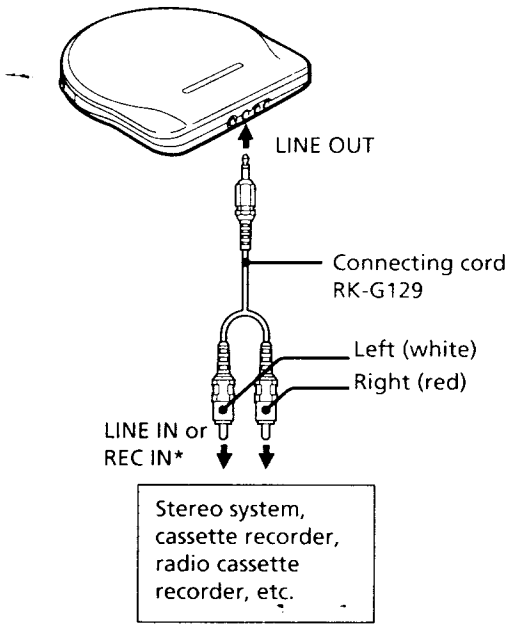
1 Open the lid of the main unit, and then open the lid of the battery compartment.



2 Insert the rechargeable batteries as illustrated inside the battery compartment, and close the lid. (Be sure to close it firmly, or the CD may be damaged.) Then close the lid of the main unit.

Connecting to other stereo equipment

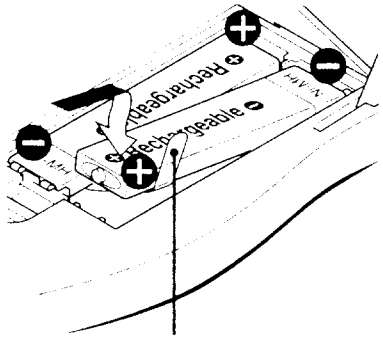
You can listen to the CD through other stereo equipment or record a CD on a cassette tape . Refer to the instruction manual of other equipment for details. Before making connections, turn off each equipment.



*To connect an equipment without LINE IN nor REC IN jack, use the RK-G134 connecting cord and connect to MIC jack.

Note

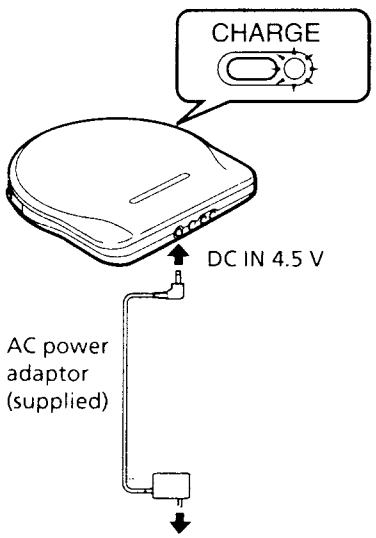
- Before you play the CD, turn down the volume of the connected equipment so as not to damage the connected speakers.



Put the end of the ribbon inside. (To remove the battery, pull the ribbon.)

3 Connect the AC power adaptor as illustrated below.

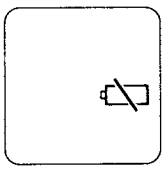
4 Press CHARGE.
Charging starts and the CHARGE lamp on the main unit flashes. When the batteries have been fully charged, the CHARGE lamp goes off.
Charging takes about 3 hours at the maximum.



5 When fully charged, disconnect the AC power adaptor.

When to charge the batteries

When the batteries become weak, ⌧ in the display on the remote control flashes. When the batteries are used up, ⌧ stops flashing and lights up. Charge the rechargeable batteries.



Battery life (approx. hours)*

When	Time
Playing with ESP off	5
Playing with ESP on	4

*When you use the Discman on a flat and stable place.

Notes

- Charging time varies depending on how the rechargeable batteries are used.
- If the battery is new or has not been used for a long time, it may not be charged completely until you charge and discharge it three or four times.
- If the battery life reduces by about half, replace it with Sony NH-9WM rechargeable battery. Do not use any other rechargeable battery.

For extended use

Insert the rechargeable batteries and also attach the battery case.
For the battery life, see the following table.

Battery life (approx. hours)*

When using	ESP function off	on
Two dry batteries	9	7
Rechargeable batteries and two dry batteries	14	11

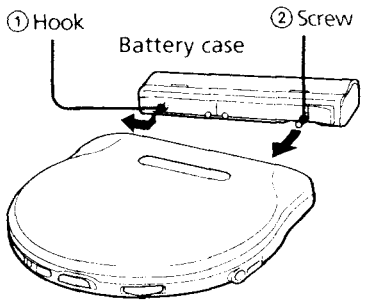
*When you use the Discman on a flat and stable place with alkaline batteries.

Notes

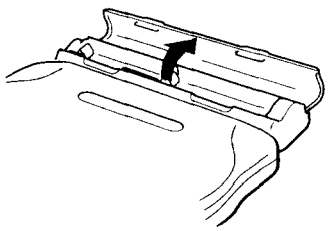
- Do not charge the dry batteries.
- Do not mix new batteries with old ones.
- Do not use different types of batteries together.

Using dry batteries

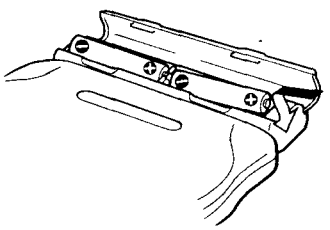
1 Hook the battery case onto the Discman and fasten the screw.



2 Open the lid of the battery case.



3 Insert two LR6 (size AA) alkaline batteries by matching the ⊕ and ⊖ to the diagram inside the battery case and close the lid.



When to replace the dry batteries

When the batteries become weak, ⌫ in the display on the remote control flashes.
When ⌫ stops flashing and lights up, replace all the batteries with the new ones.

▶Additional Information

Precautions

On safety

- Should any solid objects or liquid fall into the unit, unplug it and have it checked by qualified personnel before operating it any further.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack.

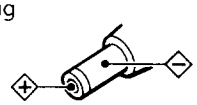
On power sources

- When you are not using the unit for a long time, disconnect all power sources from the unit.
- The nameplate indicating operating voltage, power consumption, etc. is located on the bottom. (On the AC power adaptor for Middle East only.)

On the AC power adaptor

- Use only the supplied AC power adaptor. Do not use any other AC power adaptor.

Polarity of the plug



- To unplug the AC power adaptor from the wall outlet, grasp the adaptor itself, do not pull its cord.

On dry and rechargeable batteries

- Do not throw the batteries into fire.
- Do not carry the rechargeable batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the batteries are accidentally contacted by a metallic object.
- Do not tear off the film on the rechargeable battery.

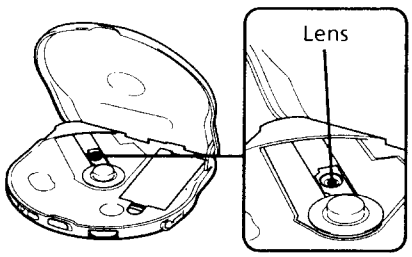
On the unit

- Keep the lens on the unit clean and do not touch it. If you do so, the lens may be damaged and the unit will not operate properly.
- Do not put any heavy object on top of the unit. The unit and the CD may be damaged.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unleveled surface, or in a car with its windows closed.
- If the unit causes interference to the radio or television reception, turn off the unit or move it away from the radio or television.
- Do not wrap the unit in a cloth or blanket during use as it may cause malfunction or serious accidents.

Maintenance

To clean the lens

Clean the lens with a lens cleaning kit KK-DM1.



To clean the casing

Use a soft cloth slightly moistened in water or a mild detergent solution. Do not use alcohol, benzine or thinner.

On headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play your headsets at high volume while walking, especially at pedestrian crossings. You should exercise extreme caution or discontinue use in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Caring for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

On the remote control

Use only the supplied remote control. You cannot operate this unit with the remote control supplied with other models.

Troubleshooting

Should any problem persist after you have made these checks, consult your nearest Sony dealer.

The CD does not play or "no dISC" appears in the display though a CD is placed in the unit.

→ The CD is dirty or defective.
→ Insert the CD with the label side up.
→ Moisture condensation has occurred. Leave the unit aside for several hours until the moisture evaporates.
→ The lens is dirty.
→ The battery compartment lid or the lid of the battery case is not closed firmly.

No sound, or noise is heard.

→ Plugs are not connected firmly.
→ Connect the headphones to the remote control firmly.
→ Plugs are dirty. Clean the plugs with a dry soft cloth periodically.

"HI dc In" appears in the display.

→ The connected AC power adaptor is not the correct one.

HOLD lamp flashes when you press a button on a unit.

→ The buttons are locked on a unit. Slide HOLD back.

"Hold" appears in the display when you press a button on a remote control.

→ The buttons are locked on a remote control. Slide HOLD back.

The battery life is short.

→ Manganese batteries are used. Use alkaline batteries.
→ Replace the batteries with new ones.

The volume is limited to a certain level even if you attempt to turn it up.

→ AVLS selector is set to ON. Set it to OFF.

Specifications

System
Compact disc digital audio system
Laser diode properties
Material: GaAlAs
Wavelength: λ=780 nm
Emission duration: Continuous
Laser output: Less than 44.6 µW (measured at 200 mm away from the objective lens surface)
Error correction
Sony Super Strategy Cross Interleave Reed Solomon Code
D-A conversion
1-bit quartz time-axis control
Frequency response
20 - 20,000 Hz ±½ dB (measured by EIAJ CP-307)
Output (at 4.5 V input level)
Headphones (stereo minijack)
10mW + 10mW at 16 ohms
Line output (stereo minijack)
Output level 0.7 V rms at 47 kilohms
Recommended load impedance over 10 kilohms

General

Power requirements
- Rechargeable batteries
- Two LR6 (size AA) batteries: 3 V DC
- AC power adaptor (DC IN 4.5 V jack):
  220 - 230 V, 50 Hz (European and Asian model)
  120 V, 60 Hz (USA, Canadian, Central and South American model)
  110 - 240 V, 50/60 Hz (Middle Eastern model)
  240 V, 50 Hz (Australian model)
  240 V, 50 Hz (U.K. model)
  100 - 240 V, 50/60 Hz (Model for other countries)

Dimensions (w/h/d) (incl. projecting parts and controls)
Approx. 131 x 19.8 x 131.7 mm (5 ¼ x 25/32 x 5 ¼ in.)
Mass (incl. rechargeable batteries)
Approx. 225 g (7.9 oz)
Operating temperature
5°C - 35°C (41°F - 95°F)

Supplied accessories

AC power adptor (1)
Rechargeable battery (2)
Connecting cord (Phono plug × 2 ↔ stereo miniplug)* (1)
Stereoheadphones with remote control (1)
Battery case (1)
Carrying case (1)
*Not supplied with world model

Design and specifications are subject to change without notice.

Recommended accessories

Car connecting kit CPA-85U
Active speaker system SRS-A50
Rechargeable battery NH-9WM
Connecting cord RK-G129
AC power adaptor AC-E45HG

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information about the accessories in your country.